FEATURES UNDER DEVELOPMENT

The engineering prototype has been made available for demonstration in advance of the incorporation within its housing of several additional features, which require testing and development. Most of the anticipated wiring for these features has already been installed, and they can be added or removed without affecting what has already been done, due to the versatility of the main circuitry. They will be described briefly.

A switch can be installed, either internally or external by the operator, which will select 60 wpm or 1600 wpm operation. At the latter speed the entire message can be sent in less than ten seconds, including delays while the "I-II-III" switch is moved between message sections. (1600 wpm operation is practical only over relatively short transmission paths, due to multipath, unless the type of output from the [redacted] is substantially altered. The 50X1 required type of output exists within [redacted] and can be provided 50X1 in special models. A frequency standard/tuning fork oscillator accessory governing code width would also be necessary. These special models would require a ± QFM transmitter similar to the RS-16.)

A Y-shaped cord can be provided for connecting the CK-14 to a [redacted] receiver as well as a transmitter. In the RECIEVE position of the selector switch, messages transmitted from the base station teletypwriter would be stored in the [redacted] at a 60 wpm rate. The 50X1 READ position can then be used to copy numerical messages onto paper at the operator's leisure. Messages would be transmitted from the base station in three parts, with brief intervals for the operator to switch between memory sections. With consideration of multipath,

1600 wpm messages can also be received.

Note that these features permit one [redacted] to transmit 50X1

to another [redacted] 50X1

Use of the [redacted] at the base station for transmission and 50X1

reception of teletype messages, or conversion of high-speed messages

to 60 wpm, might be advantageous, since with the proper adapter cord (e.g., silicon switch circuits)
the [redacted] is capable of keying powerful transmitters. 50X1